

TERAPRO® BASE RESIN

Commercial Product Data Sheet



Terapro Base Resin is a multi-component, fast curing, flexible PMMA resin for use in conjunction with reinforced Terapro Waterproofing Systems. Terapro Base Resin, when catalyzed, is combined with Pro Fleece to form the reinforced layer of Terapro and Terapro VTS Systems.

Contact Siplast for specific information on approved product uses.

USES: TERAPRO SYSTEM COMPONENT

| | |
|---------------------------------------|--|
| Colors | Beige (#1013) |
| Grade Options | <p>Summer Grade Ambient Temperature: 59°F - 95°F (15°C - 35°C)</p> <p>Substrate Temperature: 59°F - 122°F (15°C - 50°C)</p> <p>Winter Grade Ambient Temperature: 23°F - 68°F (-5°C - 20°C)</p> <p>Substrate Temperature: 23°F - 77°F (-5°C - 25°C)</p> |
| Typical Set/Cure Times at 68°F (20°C) | <p>Rainproof: 30 minutes</p> <p>Ready for Next Coat: 45 minutes</p> <p>Stress Resistant: 2 hours</p> |
| VOC Content | < 25 g/L (catalyzed) EPA test method 24 |

PRODUCT INFORMATION

Application

Refer to the applicable Siplast Technical or Installers Guide for detailed application information, including application/coverage rates. Product must be catalyzed before use using Pro Catalyst Liquid. See mixing charts that are supplied with Pro Catalyst products.



Storage and Handling

Store indoors in well-ventilated, cool, dry area away from heat, open fire, ignition sources, direct sunlight, oxidizing agents, strong acids, and strong alkalis. Do not store below 32°F (0°C). Product may auto-polymerize at temperatures greater than 140°F (60°C). Store jobsite materials on pallets in shaded, well-ventilated area. Cover unshaded areas with reflective tarp that allows air circulation. Standard shelf life is 12 months; shelf life will be reduced when stored at temperatures above 77°F (25°C).

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Packaging: 10 kg (22 lb) resealable metal drums
Units Per Pallet: 60

Listings, Approvals, & Certifications



Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.

PHYSICAL PROPERTIES

| Property (as Installed) | Values / Units | Test Method |
|---|--------------------------|-----------------------|
| Thickness (minimum) | 84 mils (2.13 mm) | ASTM D5147 Section 5 |
| Peak Load @ 73.4°F (23°C) (average) | 65 lbf/inch (11.38 kN/m) | ASTM D5147 Section 6 |
| Elongation @ Peak Load (average) | 35% | ASTM D5147 Section 6 |
| Tear Strength | 90 lbf (0.4 kN) | ASTM D5147 Section 7 |
| Water Absorption (Method I) (24h @ 73°F [23°C]) | 0.8% | ASTM D570 |
| Water Absorption (Method II) (48h @ 122°F [50°C]) | 1.2% | ASTM D570 |
| Water Vapor Transmission (incl. surfacing components) | 0.011 perms | ASTM E96 |
| Dimensional Stability (maximum) | 0.15% | ASTM D5147 Section 10 |
| Low Temperature Flexibility | 23°F (-5°C) | ASTM D5147 Section 11 |
| Hydrostatic Pressure Resistance | 350 psi (2.4MPa) | ASTM D751 |

Values in this table (other than water vapor transmission) are based on minimum 84 mil (2.13 mm) thick reinforced Terapro Base Resin Membrane. This value excludes any primers, surface aggregate, or finish coats.